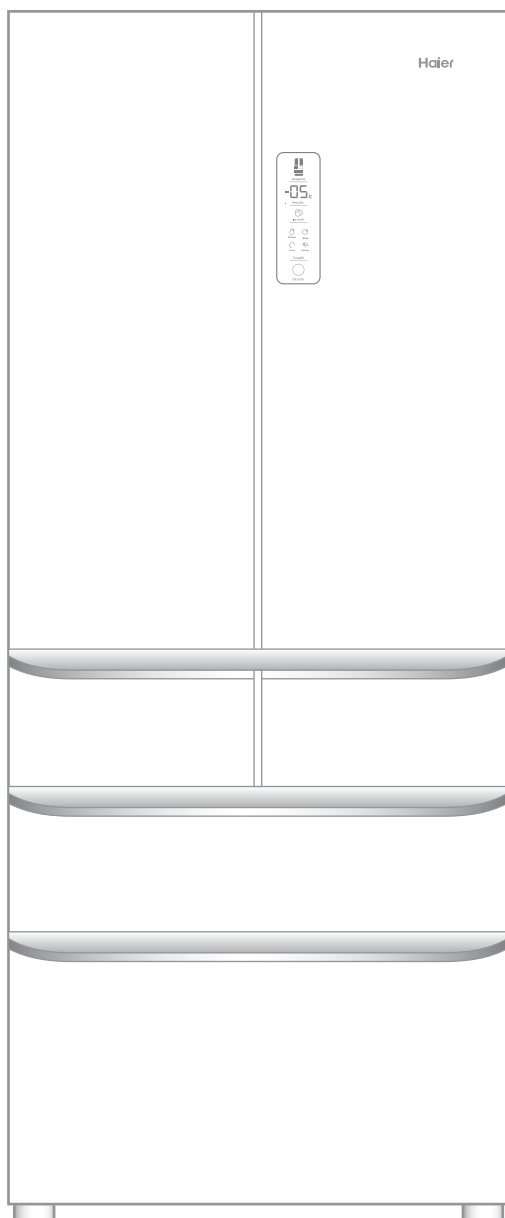


HMD440X



The series of the refrigerators comply with the national standards:

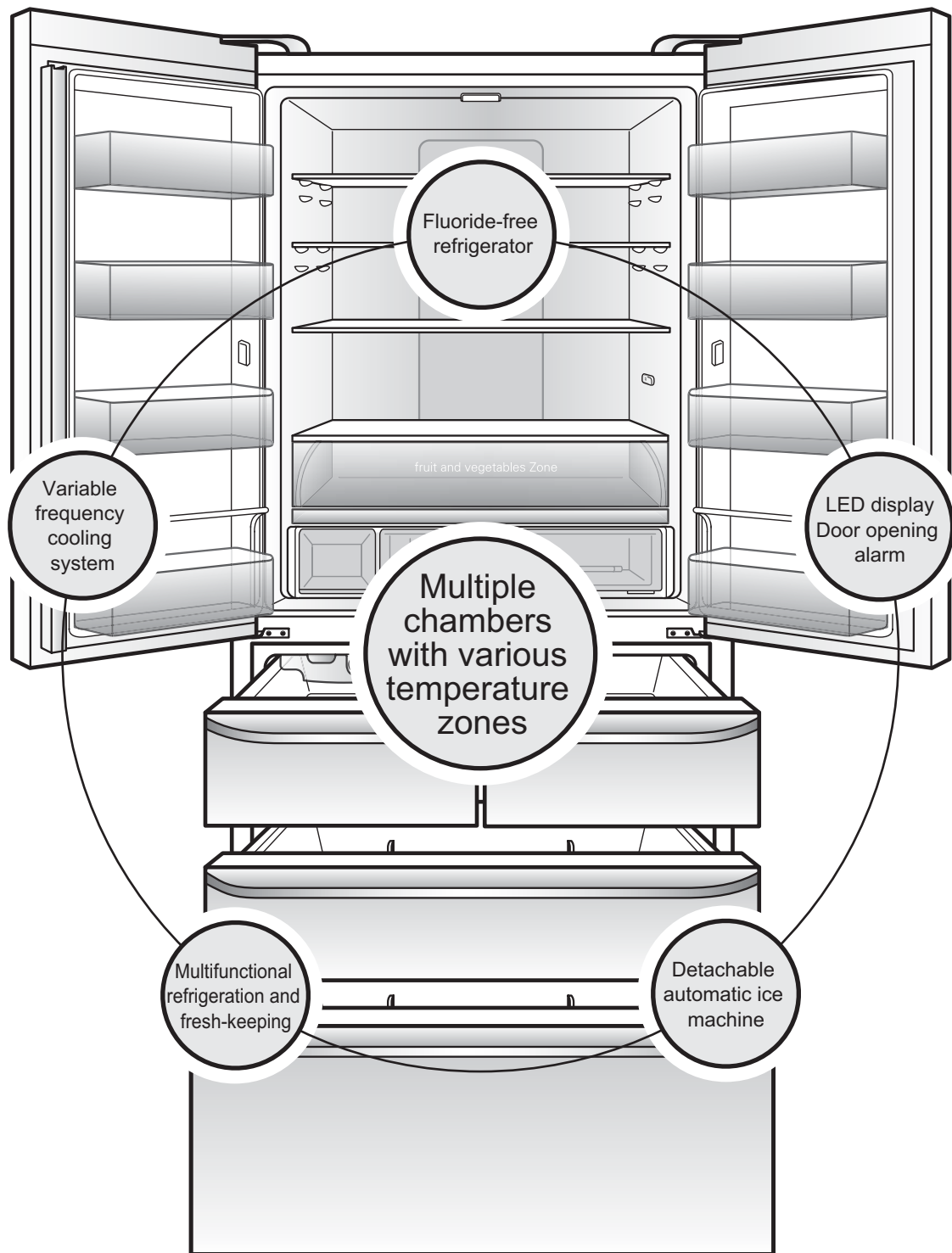
GB/T8059.4 Frostless Refrigeration Cabin, Frostless Refrigeration Freezing Cabin, Frostless Frozen-Food Storage Cabin and Frostless Food Freezing Cabin of Domestic Refrigeration Appliance

Gb12021.2 Limited Value of Energy Consumption and Energy Efficiency Grade of Domestic Refrigerator

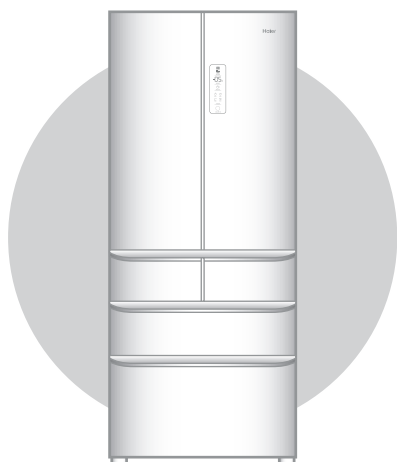
Household Refrigerator Manual

HMD440X

- Please read the Manual carefully before use.
- Please properly save this Manual for future reference.



Product characteristics



Fluoride-free refrigerator

The fluoride-free refrigerator adopts a refrigerant without fluoride and a foaming insulating material, the ozone sphere is not damaged, and influence to the earth greenhouse change is small, so that it is an environment-friendly refrigerator.

Variable frequency cooling system

Double-power for power conservation and freshness guarantee is achieved, that is, the refrigerating system consists of a variable frequency compressor and a variable frequency fan, effective cooling is achieved through precise temperature adjusting and control to various chambers, and optimal operation is achieved.

Multifunctional refrigeration and fresh-keeping

Low-temperature catalyst is provided for filtering and deodorization, so that the refrigerator has the deodorization function, and overall fresh-keeping is achieved.

Multiple chambers with various temperature zones

The refrigerator is provided with four chambers, namely, refrigeration chamber, ice chamber, MY ZONE and freezing chamber, and each chamber is at different temperatures, so that people can use the refrigerator conveniently.

LED display

Temperature inside the refrigerator and the operation situation of the refrigerator can be easily confirmed.

Detachable automatic ice machine

The detachable ice machine can be cleaned in time, so that you can enjoy clean and tasty ice cubes.

Door opening alarm

Don't worry that you forget to close the doors of the refrigeration chamber and the ice chamber, since the alarm makes alarm sound after 3 minutes, so that the power can be effectively saved for you.

*The utmost in storing freshness from all the corners of the world
– taste the varied sensations of different latitudes*

TASTE FRESHNESS

In order to precisely realize your style of living, Haier has bestowed each of its product categories for households with exclusive state of the mind concepts. What this product brings to you is taste freshness.

HMD440X are six-doors household refrigerators.

Please read this Manual carefully to help you use this product safely and comfortably.

For safe use of this product, please read the Safety Instructions carefully before use of the product.

Contents

Product characteristics	3	Food storage space	16
Contents	4	Use of refrigerating chamber	17
Security caution	5	Use of multi-room chamber	21
Preparation for use	9	Use of freezing chamber	23
Names of members	11	Usage of automatic Ice machine	24
Function introduction	12	Cleaning and maintenance of automatic Ice machine	26
1. Control panel	12	Cleaning and dismantling method of component	31
2. Button sound function and backlight control function	13	Carrying and stopping	34
3. Locking and unlocking	13	Fault and frequently asked question	36
4. Selection of temperature zone	13	Technical data and accessories	38
5. Intelligence	13		
6. Temperature adjusting of refrigerating chamber	13		
7. Temperature adjusting of MY ZONE	14		
8. Temperature adjusting of freezing chamber	14		
9. Related function of ice making	14		
10. Quick cool function	14		
11. Quick-freezing function	14		
12. Holiday function	15		
13. Alarm function of which the door is not closed	15		
14. Power cut memory function	15		

Security caution

Dear Haier user:

Thanks for using Haier product. For your better reading of this Manual and use of this product, please read carefully and comply with the contents with the following marks in this Manual.

Security marks



Prohibition: Acts with the mark are prohibited, or else damage to the product or the user may be caused.



Warning: Content with the mark is related to the safety of the product and the user, the content shall be operated complying with the requirement, or else damage to the product or the user may be caused.



Attention: Content with the mark shall be paid attention to, or else damage to the product or other damages can be caused because of maloperation.

Security caution

- **Before the refrigerator is used, please carefully read the security caution and use the refrigerator correctly.**
- **The security caution helps you to use the refrigerator safely, and prevents damage to you and others and property caused by maloperation. Dangers which can be caused by maloperation are specifically illustrated in the security caution, and please comply with the content related to security.**
- **This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.**
- **WARNING – Keep ventilation openings, in the appliance enclosure or in the built-in structure, clear of obstruction**
- **WARNING – Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer**
- **Warnings related to disposal**
The refrigerator's R600a refrigerant and cyclopentane foam materials are combustible materials and discarded refrigerators should be isolated from fire sources and can not be burned. Please transfer the refrigerator to qualified professional recycling companies for processing to avoid damages to the environment or other hazards.
Please remove the door of the refrigerator and shelves which shall be properly placed to avoid accidents of children entering and playing in the refrigerator.

Checking on power supply socket and power supply wire



The power supply of the refrigerator is provided with a three-wire (earthing) plug which is accordant with three-wire (earthing) socket. Do not disassemble or cut off the third pin (earthing) of the power supply wire in any case. The plug shall be available and convenient to plug in or out.

The refrigerator should be connected to a socket which is dedicated for the fridge and be rated at 10A. The refrigerator should not be plugged into a multibox as overloading may occur. If the refrigerator shares a multifunctional socket with other electric appliances, fire may be resulted if the wire heats up.

The refrigerator shall not be pushed hard against the plug top, this is to avoid damage to the plug top.

Do not use the refrigerator if the wire or the plug is damaged and the plug is loosened, or else electric shock, short circuit and fire can be caused.

When being plugged or pulled out, the plug shall be held by hand, damage can be caused if only the wire is pulled by force, and electric shock, short circuit, circuit breakage and fire can be caused.

Installation place



Avoid places with large humidity, since wire insulation can be aged and electricity leakage can be caused.



When the refrigerator is installed, space shall be preserved around. Please see installation requirement in “use preparation.”

Refrigerant (R600a)



Do not damage the refrigeration system of the refrigerator since the refrigerant is combustible and fire or explosion can be resulted from leakage.



Fire explosion may be resulted from spark at connection points of electric appliance if refrigerant is leaked.



If pipeline of the refrigeration system is damaged or combustion gas leaks out, do not touch the refrigerator, fire is strictly forbidden and windows shall be opened for ventilation. Fire explosion can be resulted from spark when the plug is pulled out or plugged in, and fire hazard and burning can be caused.

It is hazardous for anyone other than an Authorised Service Person to service this appliance. In Queensland – the authorized Service Person MUST hold a Gas Work Authorisation for hydrocarbon refrigerants, to carry out Servicing or repairs which involve the removal of covers.

In case the following situation happened



If abnormal situation happens (eg. burning smell, etc.), pull off the plug to power off the refrigerator. If the refrigerator continues working, danger of electric shock and fire hazard can be caused.

If gas leakage happens, do not touch the refrigerator and the socket, and immediately open the window to disperse the gas. If the refrigerator is powered on or the plug is pulled out, explosion can be resulted from spark at electric connectors, and fire hazard and burning can be caused.

Things cannot be stored in the refrigerator. Please do not store combustible things in the refrigerator. Do not store ether, volatile oil, liquefied gas, alcohol, adhesive, etc. in the refrigerator, since explosion may be caused. The product is only a domestic refrigerator which is only applicable to food storage but not other things such as blood, medicine and biologic products.

Use



Do not touch the mechanical parts of automatic ice-maker above the ice chamber by hand. (Except when the ice component is detached), people may be hurt when the parts are rotated.

Do not use combustible spray near the refrigerator, since combustion and burning may be caused.

Do not spray water to the refrigerator, since electric shock and short circuit can be resulted when water is sprayed onto electric parts.

Do not put container with water on the refrigerator, as the insulation can be affected by water, and danger of electricity leakage and fire hazard can be caused.

Do not put things on the refrigerator, as the things can be dropped off because of vibration when the door is opened and closed, and people can be hurt when the things drop off.

Do not swing with the door or tread on the drawer, as the refrigerator can be toppled to hurt people or hands may be crushed.

Do not put too much food in the refrigerator, and do not put outside the rack. Do not put food which is too high and easy to topple down, as the food can be dropped to hurt you when the door cannot be closed.

Do not take food and container (particularly metal containers) inside the refrigeration chamber by wet hand.

Do not stretch your hand to the bottom of the refrigerator, as your hand may be hurt by iron plate at the bottom of the refrigerator.

Do not eat smelly or discolored food, since illness can be caused by rotten food.



When the drawer is closed, please hold the handle. If you hold the inner side to close the drawer, your hand may be crushed.

Cleaning



When the refrigerator is cleaned, pull out the plug. Do not pull out the plug by wet hand, since electric shock may be caused.

When the refrigerator is not used for a long time



When the refrigerator is not used for a long time, please pull out the plug, since electric shock and fire hazard can be caused by insulation weakness.

Moving



When the refrigerator is moved, please do hold the handles on the bottom side and the upper part of the back side, and people may be hurt if hand slides off. Do not use moving pulley on floor which is easy to be scratched.

Repairing and abandoned



Do not detach down the sealing strip on the door, as children may be closed in the refrigerator and cannot go out by self. To recycle the parts, the name of material is marked on main plastic members.

Do not disassemble, repair or transform the refrigerator. Danger can be resulted from fire or working abnormality.

Things cannot be stored



Glass bottles and cans cannot be put inside the refrigeration chamber, since hands can be cut as the container can be split because of thermal expansion and shrinkage after things inside the bottles are iced.

Except types recommended by the manufacturer, please do not use electric appliances inside the food storage chamber of the refrigerator.

If the power supply wire is damaged, to prevent danger, the wire can only be replaced by the repairing department or professional person of similar department of the manufacturer.

Preparation for use

■ Dismantle packaging

- **Dismantle all packaged components**

The packaging foam base and adhesive tape for fixed accessories must be also dismantled.

- **Check the standard accessories and data**

Please control the articles in the box according to the content of packing list to check, and please inquire to the store sale if there is any discrepancy.

■ Install

- **Install at the place with less heat and good ventilation.**

While installing, it shall avoid the stove and place with direct sunlight, to avoid reducing the refrigeration effect, and meanwhile, not to waste electricity.

- **Install at the place with less moisture.**

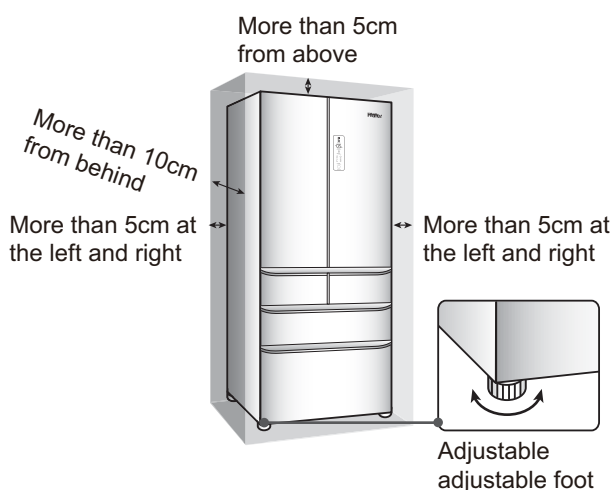
To prevent rusting and leakage.

- **Leave the heat dissipation space.**

The refrigerator emits the heat around while working, so as to cool the food. As shown in the figure, while installing, it shall leave 5cm space above the refrigerator and at its left and right, and 10cm space shall be left from the back to the wall.

- **Horizontally fix.**

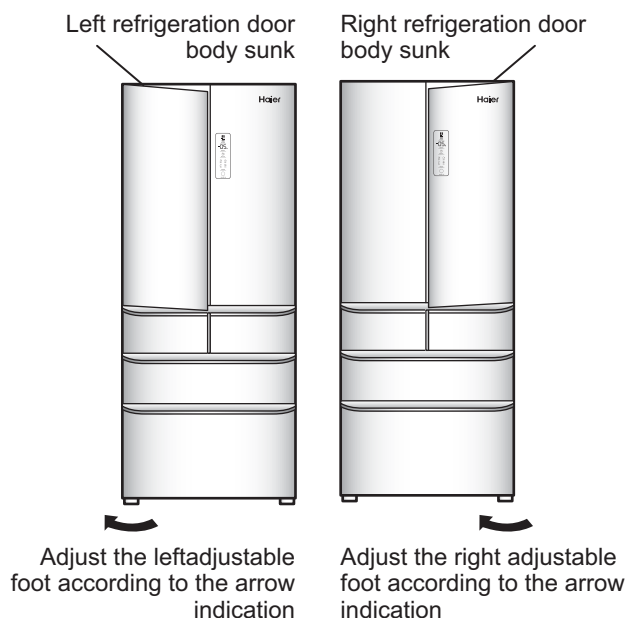
Turn the adjusting foot at two sides, so as to land; and adjust the refrigerator to be horizontal.



- **Adjust the parallelism of door.**

If the refrigerator is leaned towards the left, the adjustable foot shall be rotated left according to the arrow direction.

If the refrigerator is leaned towards the right, the adjustable foot shall be rotated right according to the arrow direction.



- **The ground shall be steady.**

The refrigerator will produce vibration and noise to cause the fault in case being unsteady. In addition, in case of installing on the carpet, wood floor or floor of vinyl chloride material, the heat emitted by the refrigerator may discolor the ground. Therefore, the solid panel must be paved under the refrigerator.

■ Start to use

1. Stand

The refrigerator shall be placed flatly. After cleaning completely, do not firstly power on, let the refrigerator stand for more than 1h, and then power on, to ensure that the refrigerator runs normally.

2. Clean the interior of refrigerator

Confirm the appurtenances, and wipe the interior of refrigerator with the soft cloth. (The interior of refrigerator will have plastic smell before using, and after cooling down, the smell will be disappeared.)

3. Plug into the special socket

Firmly plug into the socket of which the power supply is AC 220V/50HZ and the current is more than 10A.

4. Put into the food after the refrigerator is cooled down fully

After the refrigerator is plugged in, it shall take 2-3h to fully cool down the storage compartment, and take about 4h in case of summer with high temperature around. (Before the interior of refrigerator is cooled down, it shall reduce the opening times of refrigerator as far as possible.)

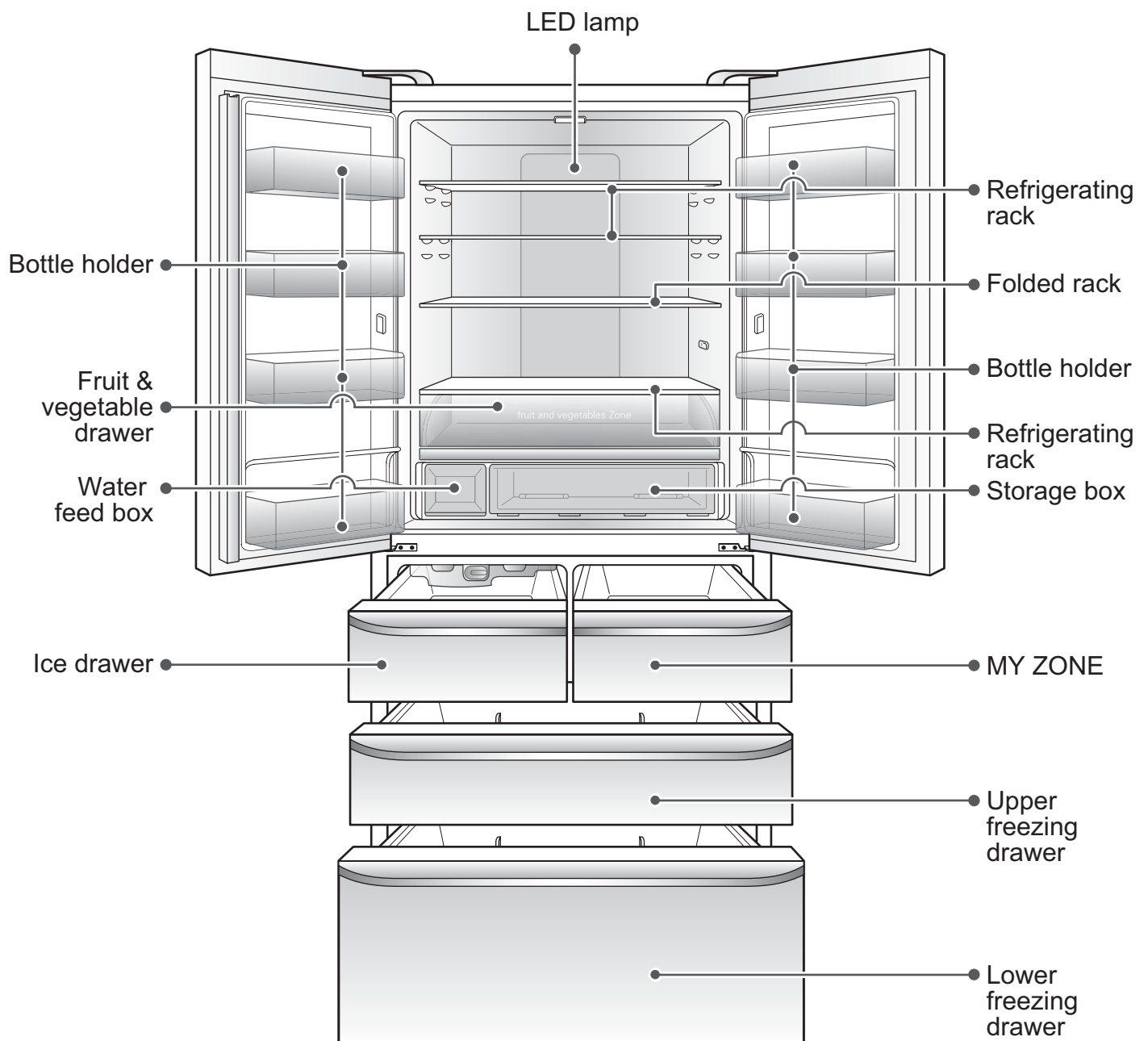


- Arrangement of residual current circuit breaker: When the refrigerator is installed at the places with much steam, the ground wire and residual current circuit breaker must be arranged.
- When the refrigerator runs into the wall to make the vibration sound, or the wall is blackened due to influence of air circulation around the compressor, the refrigerator shall be moved away for the wall.

■ On fluoride-free refrigerator

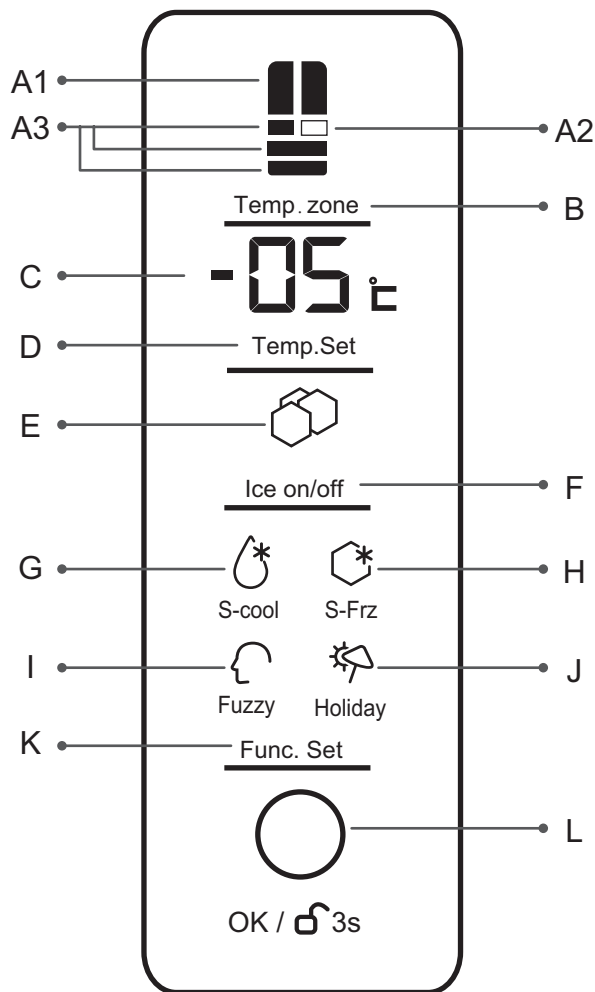
- This refrigerator uses the fluoride-free refrigerant and fluoride-free foaming insulation material: the fluoride-free refrigerant (isobutane) and fluoride-free foaming insulation material (cyclopentane) do not damage the ozone layer and bring very small influence to the earth greenhouse, so they are environmental protection material.
- For the fluoride-free refrigerator has flammability, it will not be leaked in the common use process while being sealed in the refrigeration system. But when the loop of refrigerant is damaged to cause the leakage, it is sure to avoid open fire (which refers to electrical products), open the window for air change rapidly, and then contact the Haier after-sale.

Names of members



Function introduction

1. Control panel



A1	Refrigerating temperature zone
A2	My zone
A3	Freezing temperature zone
B	Selection button of temperature zone
C	Average temperature display of temperature zone
D	Temperature adjusting button
E	Ice display icon
F	Ice on-off button (continuously pressing for 3s to open or close the ice function)
G	Quick cool function icon
H	Quick-freezing function icon
I	Intelligence icon
J	Holiday function icon
K	Function select button
L	Setting button (continuously press for 3s to lock or unlock)

2. Button sound function and backlight control function

Button sound function: the buzzer will make sound by pressing the button every time.

Backlight control function: the backlight will go out automatically and be locked simultaneously after the button is operated for 30s completely. In the state that the backlight goes out, press any button so that the backlight will be on, and set the aperture flickering so that the indication is in the lock state.

3. Locking and unlocking

In the unlocking condition, continuously press L button for 3s, so that all indicating lamps goes out, and then enter into the locking state; and in the locking state, the buzzer will make sound while pressing any one of B, D, F, K and L buttons, and the state before locking displays to lighten, set the aperture flickering and prompt it cannot operate. In the locking condition, continuously press L button for 3s again, to unlock. In the unlocking state, it can perform various settings.

4. Selection of temperature zone

In case of wanting to set the temperature of temperature zone, firstly you need to adjust B button and select to the corresponding temperature zone for performing. In the unlocking state, adjust the B button, so that the temperature zone displays to circulate among A1 (refrigerating temperature zone), A3 (freezing temperature zone) and A2 (my zone), at this time, it can perform the setting temperature of corresponding temperature zone.

5. Intelligence (if you select artificial adjusting way, this item can be skipped)

- If the environment temperature is fluctuated largely, the intelligence can ensure that the refrigerator works normally by itself.
- The refrigerator shall adjust the temperature setting of refrigerating chamber and freezing chamber according to the change of environment temperature, without needing to manually adjust the temperature of this two chambers; and for the temperature of MY ZONE, please adjust by yourself according to the actual need.
- In the unlocking state, adjust K button, select to the "intelligence" icon, so that the I icon starts flickering; and at this time, press L button, so that I icon displays and stop flickering, indicating that the intelligence is started. If you want to quit the intelligence state, adjust K button, select to the "intelligence" icon, so that I icon starts flickering; and at this time, press L button, so that I icon disappears, indicating that the intelligence is closed.



- In the intelligence state, it cannot perform the refrigerating and freezing temperature adjusting, but can perform the temperature adjusting of MY ZONE. In case of performing the refrigerating and freezing temperature adjusting, I icon starts flickering, prompting not to perform this operation.
- In the intelligence state, I icon disappears and the icons of quick cool, quick-freezing and holiday function will display correspondingly.

6. Temperature adjusting of refrigerating chamber (if you select intelligence way, this item can be skipped)

In the unlocking state, adjust B button, so that the display lamp of the refrigerating temperature zone is on, at this time, press D button so that the C icon flickers, enter into the setting state of temperature of refrigerating chamber, and later, the temperature value will be increased 1°C by pressing D button every time, until to reach the highest setting temperature of 8°C ; and then press button to return to OF, continue to press this button to return 2°C , and cycle like this; and in case of not pressing button within 5s after setting, the setting value of temperature will stop flickering and determine, displaying to recover to the average temperature of refrigerating chamber.

The average temperature of refrigerating chamber is between 0°C and 10°C , display with digital form, wherein "L" shows below 0°C , and "H" shows above 10°C .



When the refrigeration is set at "OF" gear, it cannot select the quick cool and holiday function. At this time, the refrigerating chamber does not refrigerate, so it needs to properly keep the food stored in refrigerating chamber.

7. Temperature adjusting of MY ZONE

In the unlocking state, adjust B button, so that the display lamp of MY ZONE is on, at this time, press D button so that C icon flickers, enter into the temperature setting state of MY ZONE, and later, the temperature setting will be cycled among -20℃, -18℃, -15℃, -8℃, -7℃, -6℃, -4℃, -2℃, 0℃, 1℃, 2℃, 3℃, 4℃, 5℃ and -20℃ by pressing D button every time. In case of not pressing button beyond 5s, the setting value of temperature will determine and stop flickering, displaying to recover to the average temperature of MY ZONE.

8. Temperature adjusting of freezing chamber (if you select intelligence way, this item can be skipped)

In the unlocking state, adjust B button, so that the display lamp of the freezing temperature zone is on, at this time, press D button so that the C icon flickers, enter into the setting state of temperature of freezing chamber, and later, the temperature value will be increased 1℃ by pressing D button every time, until to -16℃; and then press button to return to -24℃, and cycle between -16℃ and -24℃ like this; and in case of not pressing button within 5s after setting, the setting value of temperature will stop flickering and determine, displaying to recover to the average temperature of freezing chamber.

The average temperature of freezing chamber is between -10℃ and -35℃, display with digital form, wherein “H” shows above -10℃.

9. Related function of ice making

- In the unlocking state, continuously press F button for 3s, so that the E icon is highlighting and the Ice function of refrigerator is started. In case that the E icon is highlighting, continue to press F button for 3s again, so that the E icon disappears and the Ice function stops.
- Operation of Ice machine: It can dismantle the automatic Ice machine, and E icon flickers when the Ice machine is running and supplier water.
- Relation with the Ice chamber: When the E icon is highlighting, it cannot open the Ice chamber, and otherwise, it will make buzzing alarm, to remind attention.

10.Quick cool function

In the unlocking state, adjust K button and select to “Quick cool” icon, so that the G icon starts flickering, at this time, press L button, so that G icon displays and stop flickering, showing that the quick cool function is started. If you want to quit the quick cool state, adjust K button and select to “Quick cool” icon in the unlocking state, so that the G icon starts flickering, at this time, press L button, so that G icon disappears, showing that the quick cool function is closed.

In case of not artificially quitting the quick cool function, the refrigerator will quit the quick cool function automatically after 3h.



In the quick cool function state, the quick cool function will quit automatically in case of setting intelligence or holiday function, and G icon disappears. In the quick cool function state, it cannot perform the adjusting of refrigerating temperature, but can perform the temperature adjusting of freezing and MY ZONE. In case of performing the adjusting of refrigerating temperature, the G icon of quick cool function will flicker, to prompt not to perform this operation.

11.Quick-freezing function

In the unlocking state, adjust K button and select to “Quick-freezing” icon, so that H icon starts flickering, at this time, press K button so that H icon displays and stops flickering, showing the quick-freezing function is started. If you want to quit the quick-freezing state, adjust K button and select to “Quick-freezing” icon in the unlocking state, so that H icon starts flickering, at this time, press L button so that H icon disappears, showing the quick-freezing function is closed.

In case of not artificially quitting the quick-freezing function, the refrigerator will quit the quick-freezing function automatically after 56h.



In the quick-freezing function state, the quick-freezing function will quit automatically in case of setting intelligence, and H icon disappears. In the quick-freezing function state, it cannot perform the adjusting of freezing temperature, but can perform the temperature adjusting of refrigerating and MY ZONE. In case of performing the adjusting of freezing temperature, the H icon of quick-freezing function will flicker, to prompt not to perform this operation.

12. Holiday function

In the unlocking state, adjust K button and select to “holiday” icon, so that J icon starts flickering, at this time, press L button so that J icon displays and stops flickering, showing the holiday function is started and the temperature of refrigerating chamber sets at 17℃ automatically. The corresponding temperature of refrigerating temperature zone is shown with . If you want to quit the holiday state, adjust K button and select to “holiday” icon in the unlocking state, so that J icon starts flickering, at this time, press L button so that J icon disappears, showing the holiday function is closed.



In the holiday function state, the holiday function will quit automatically in case of setting intelligence and Quick cool function, and J icon disappears. In the holiday function state, the Ice function is closed, and it cannot also perform the adjusting of refrigerating temperature, but can perform the temperature adjusting of freezing and MY ZONE. In case of performing the adjusting of refrigerating temperature, the J icon of holiday function will flicker, to prompt not to perform this operation.

13. Alarm function of which the door is not closed

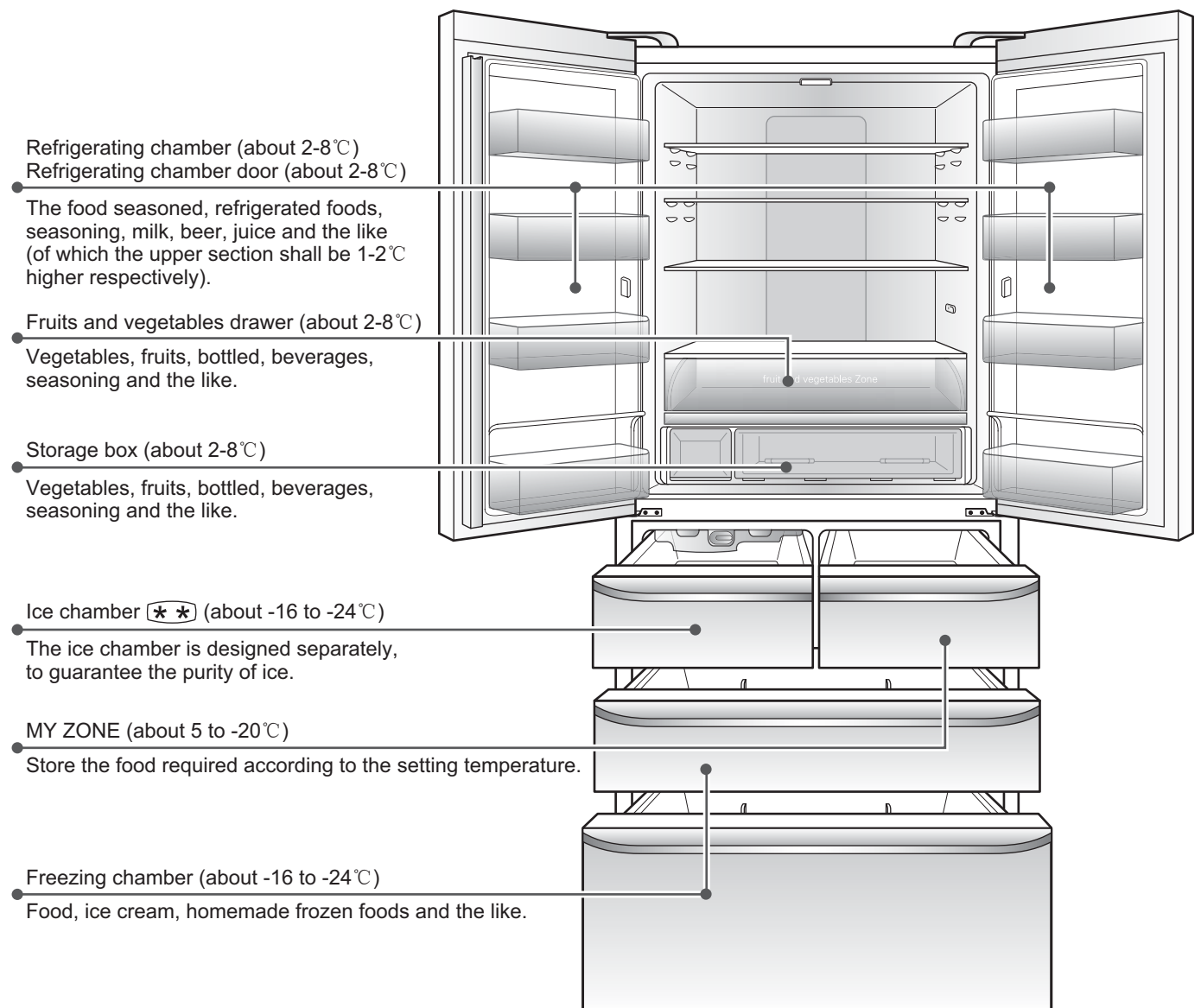
If the refrigerating door or Ice drawer is opened for more than 3min, it will make “Beep” alarm.

14. Power cut memory function

When the instantaneous working state before outage is locked, the refrigerator still works according to the setting state before outage after powering on.

Food storage space

■ Storage space



■ The food needing not to be cooled shall not be put in

● Case for food inappropriate for freezing:

Raw eggs and boiled eggs: the eggshell of raw eggs will be cracked, and the protein of boiled eggs will be hardened; and raw leaf vegetables, raw potatoes, dairy products, salad dressing, vegetables, bean curd, etc.

● Case for food inappropriate for refrigerating:

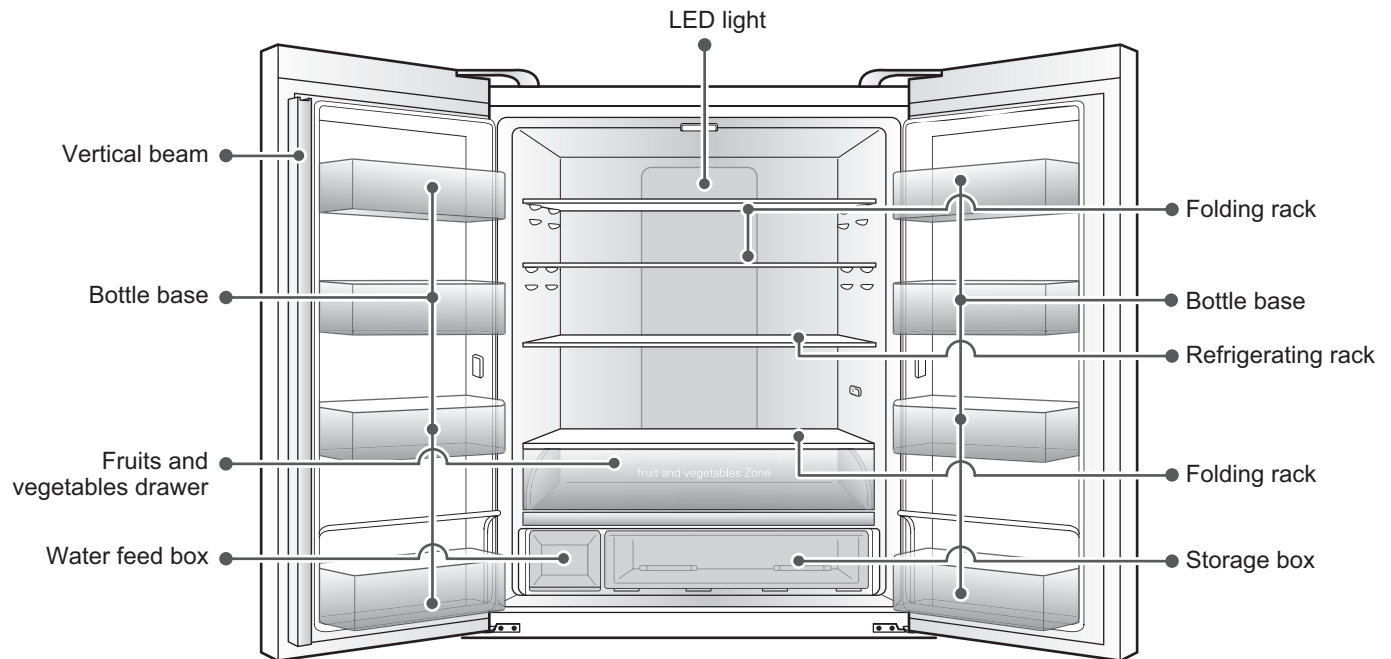
Banana, muskmelon, pineapple, papaya and other tropical fruits: Due to low temperature, the mature speed of fruit will become slow, and it may go bad for a long time. Of course, there is out of question for icing before eating.

● Case for food needing not to be stored in refrigerator:

Potatoes, pumpkin, onion, garlic, etc.

Use of refrigerating chamber

■ Structure of refrigerating chamber



● Deodorization

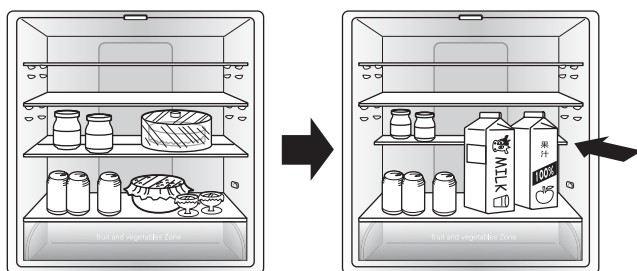
The low-temperature catalytic filter block arranged in the air conditioning channel prolongs the fresh cycle of fruits and vegetables while absorbing the odor in the refrigerator.

■ Folding rack

● Folding rack

● Front rack

Lift the front rack and push the same in, so that the high food can be placed in the front of it, and the low food can be placed inside.



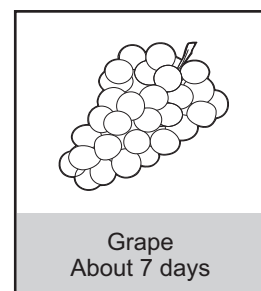
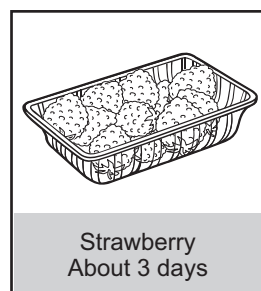
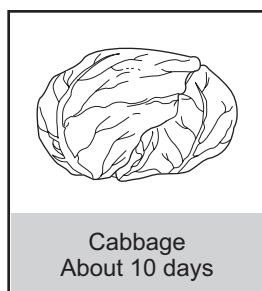
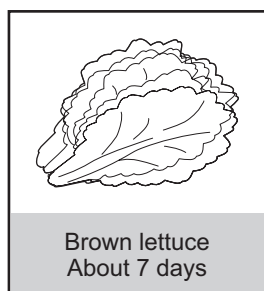
The food shall not be put too much, without exceeding the rack. In case of exceeding the rack, the door may not be closed or the food may be fallen to injure person.

■ Prompt

- When the external temperature of refrigerator is below 5°C , the food in the refrigerating chamber may be frozen, at this time, the setting temperature of refrigerating chamber shall be adjusted highly, so as to be difficult to be frozen.
- Do not put too high food in the bottle base on the door, because the food is likely to tilt while opening and closing the door.
- The food with great taste and much moisture shall be wrapped up with preservative film in advance, so as to prevent the food from tainting by odor and drying.

■ Standard of storage time for fruits and vegetables

The storage time shall be different due to the freshness of food before being stored and use condition of refrigerator. Here, we just introduce the rough time. Please use the food completely as soon as possible according to the date marked on the food.



- The washed vegetables shall be drained drops before being putting in the refrigerator.
- Dry the ponding at the bottom of vegetable box.
- Do not put the fruits and vegetables which are higher than drawer height and heavy relatively in the fruits and vegetables drawer, to avoid damaging the fruits and vegetables drawer. In case of needing to put in, they shall be parted off and packaged with preservative film.
- In case of using the preservative film, the vegetables and fruits can be kept fresh for a more long time, and in addition, it can prevent taint of odor of food.
- The fruits and vegetables drawer may be dewed due to keeping the high temperature. In case of dewing, it shall be wiped timely.

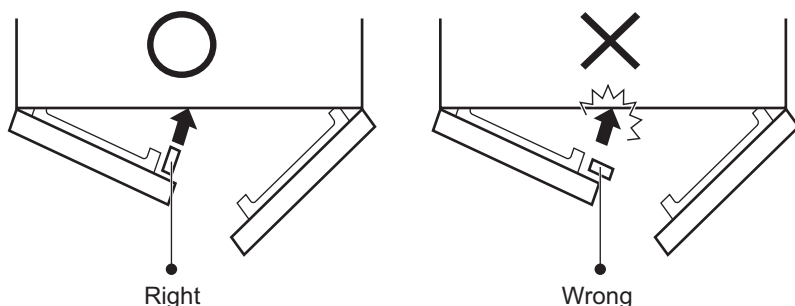
■ Lighting lamp and its replacement

Parameter of lighting lamp: DC 12V, maximum power: 5W.

The lighting lamp is LED light, which ahs low energy consumption and long life. In case of having exception, please contact the after-sale personnel for door-to-door service.

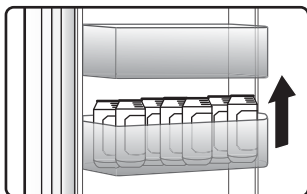
■ Vertical beam

- While opening the door, the vertical beam is closed, and it can open and close the door free in this state. The vertical beam may be damaged in case of closing the door when the vertical beam is erected.



■ Third-layer bottle base

- The third-layer bottle base can put beer cans, small bottles of mineral water and seasoning concentratedly after moving up (according to the sequence of from top to bottom).



■ Egg rack

- It can put 8 big eggs. The egg rack shall be turned over in case of idling, so as to put other small articles.

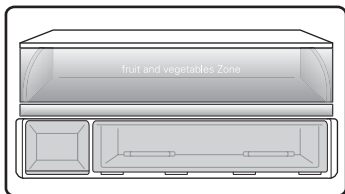
■ Bottom bottle base (drink box)

- After the third-layer bottle base is move up, the bottom bottle base can put big bottled drink or other packaged drink.



■ Storage box/fruits and vegetables drawer

- Storage box : Apply to the storage of vegetables with small shape, fruits, bottles and beverage.
- Fruits and vegetables drawer : Especially set very large capacity.



■ Active Guide

● Food recommending to be stored

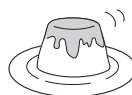
● Fresh food:

Fish and shellfish, and meat.



● Dairy products and dessert:

Yoghourt, cheese, jelly and pudding.



● Vegetable and sweet food:

Salad and sauce.



● Homemade and natural food:

Sauce, jam, low salt pickles and raw noodles.



● Processed food:

Fish ball, fish, meat paste, ham and ham sausage.



● The button whether the fried food is delicious is temperature

The material of fried food for dinner is put in the preservation drawer at noon, and the flour will also be packed in the enamel pot and then put in the same.

The bigger the temperature difference of material and oil is, the crisper and more delicious the fried food cooked is. The oil temperature should be 160°C -170°C , (the standard refers to pour a little flour in the oil and float above.)

● The raw fish is also fresh

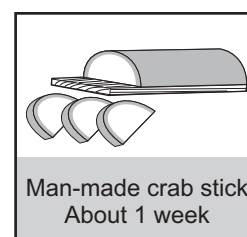
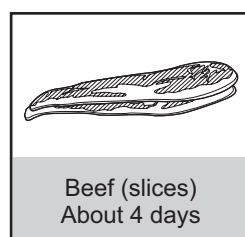
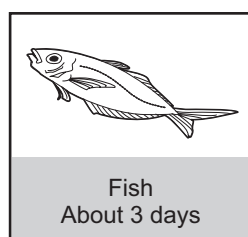
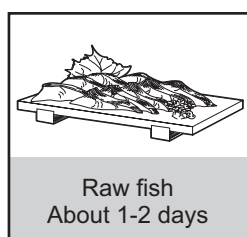
If the tuna bought is cut for dinner, firstly put the same in the preservation drawer, and then take the same out, and the hardness of fish is just.

● Enjoy the ice-cold salad

In case of putting the seafood salad in the preservation drawer, the meat quality of shrimp and shellfish gets solid, they are chewed while eating, and the taste also feels different.

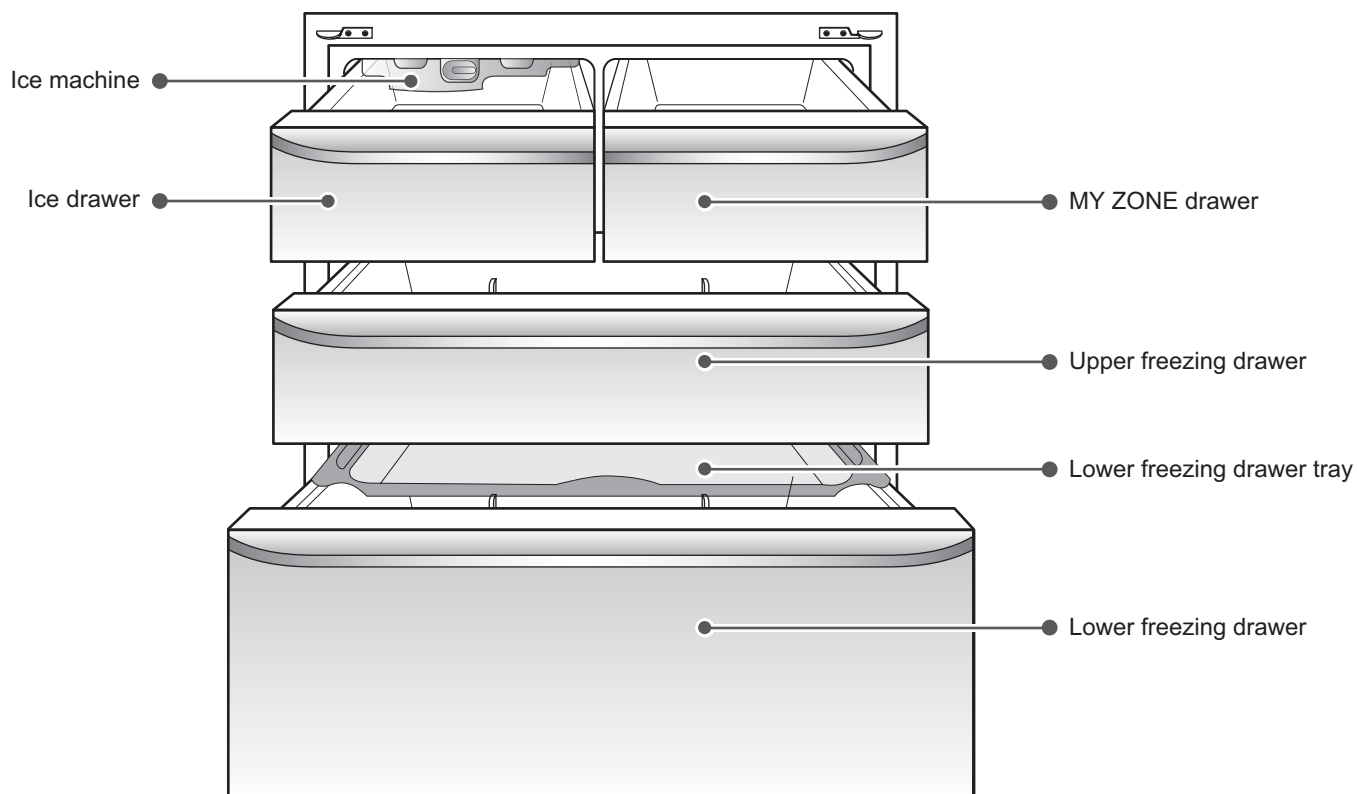
● Standard of storage time

The storage time shall be different due to the freshness of food before being stored and use condition of refrigerator. Here, we just introduce the rough time. Please use the food completely as soon as possible according to the date marked on the food.



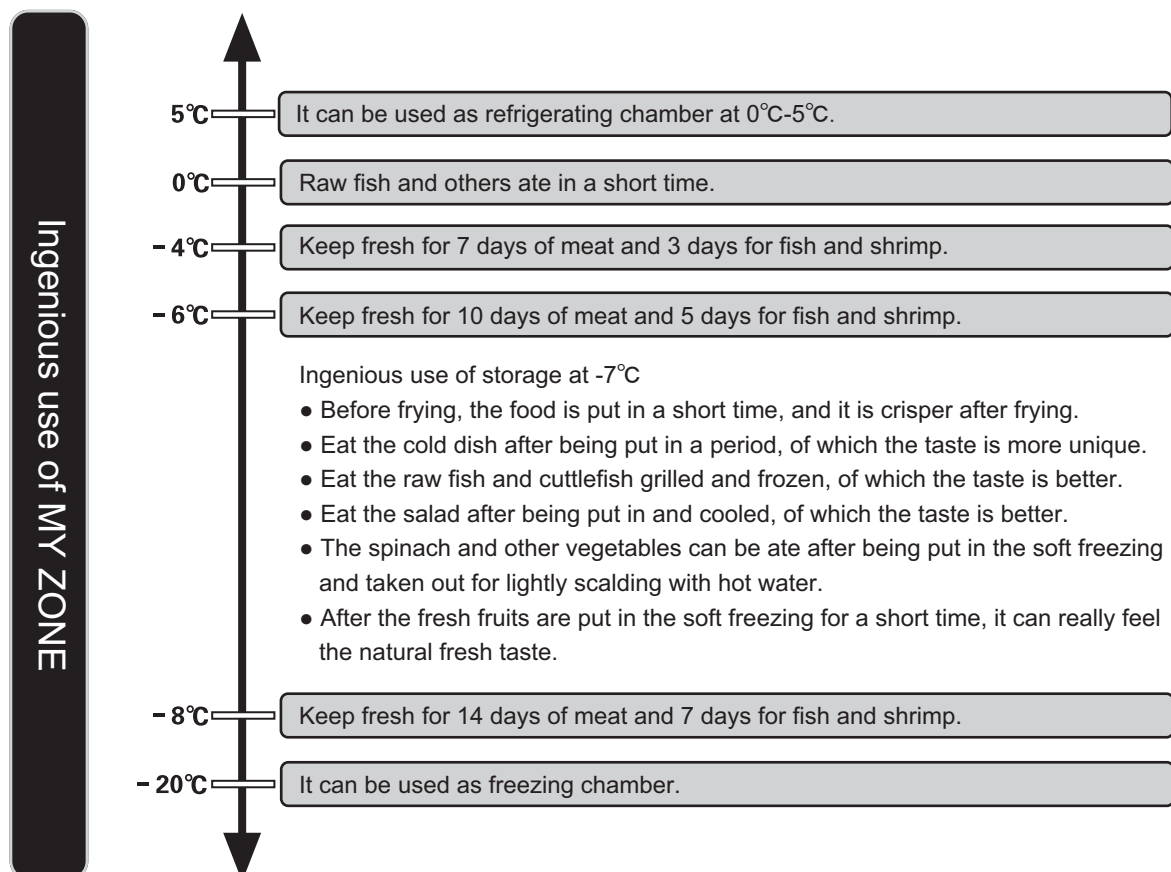
Use of multi-room chamber

The different foods can be stored in the different temperature zone chambers according to the requirement, so that the foods can be obtained the best storage temperature.



■ Use of MY ZONE

- The range of temperature setting of MY ZONE is 5°C -20°C , and the temperature setting can be performed according to the requirement of stored foods, to set the MY ZONE into: independent refrigerating, 0°C fresh-keeping and freezing chamber. To use the MY ZONE properly can bring very convenience for the life.
- Since the water content of meat is different, part of meat with much water content will be hardened while being stored in the lower temperature, the gear of MY ZONE should be adjusted to -4°C in case of needing to store the “immediately cut” meat in the MY ZONE.



Use of freezing chamber

■ In case of wanting to enjoy the seasonal taste for a long time, such food shall be stored in the freezing chamber for a long time.

- The range of temperature setting of freezing chamber is -16°C to -24°C and can be adjusted according to the requirement. The temperature of freezing chamber is very low, of which can keep the fresh state of food for a long time, therefore, if you want to store the frozen foods for a long time, store the foods in this chamber.
- The food storage container consists of freezing chamber drawer and transparent tray. When the drawer store the heavy articles, it needs to lightly lift the freezing drawer door to push in.
- The food with big volume can be stored in the lower freezing chamber drawer, and the food with small volume can be stored in the upper transparent tray. In case of storing and taking the frozen foods, open the freezing chamber drawer door; in case of storing and taking the food in the transparent tray, it can be store and take directly; and in case of storing and taking the food in the lower drawer, it only needs to push the transparent tray to the refrigerator, and then store and take the food in the lower drawer.

■ Notes for frozen foods

- The hot food must be cooled to the room temperature before being put in the freezing chamber.
- The food shall be packaged best before freezing and the packaging appearance must be dry, to avoid freezing together. The packaging material should be tasteless, airtight, waterproof, non-toxic and pollution-free, to avoid the tainting of odor of food and quality reduction.
- For the storage of food, it should note the freezing date, deadline and name on the packaging bag according to the storage life of different foods, to avoid being overdue.
- It is easier for deep cooling to divide the food into small pieces, which can guarantee its quality while thawing and cooking better; and each food should not be more than 2.5kg.
- Principally, take the food from the freezing chamber for thawing only according to the quantity required, and the frozen foods cannot be frozen again, otherwise, it will have impact on the edible quality.
- It shall not put too many fresh foods in the freezing chamber once, and do not exceeding the freezing capacity value of refrigerator best. (See the "technical data" content).
- Do not put the foods with high height under the tray. (The tray, drawer and food may be damaged.)

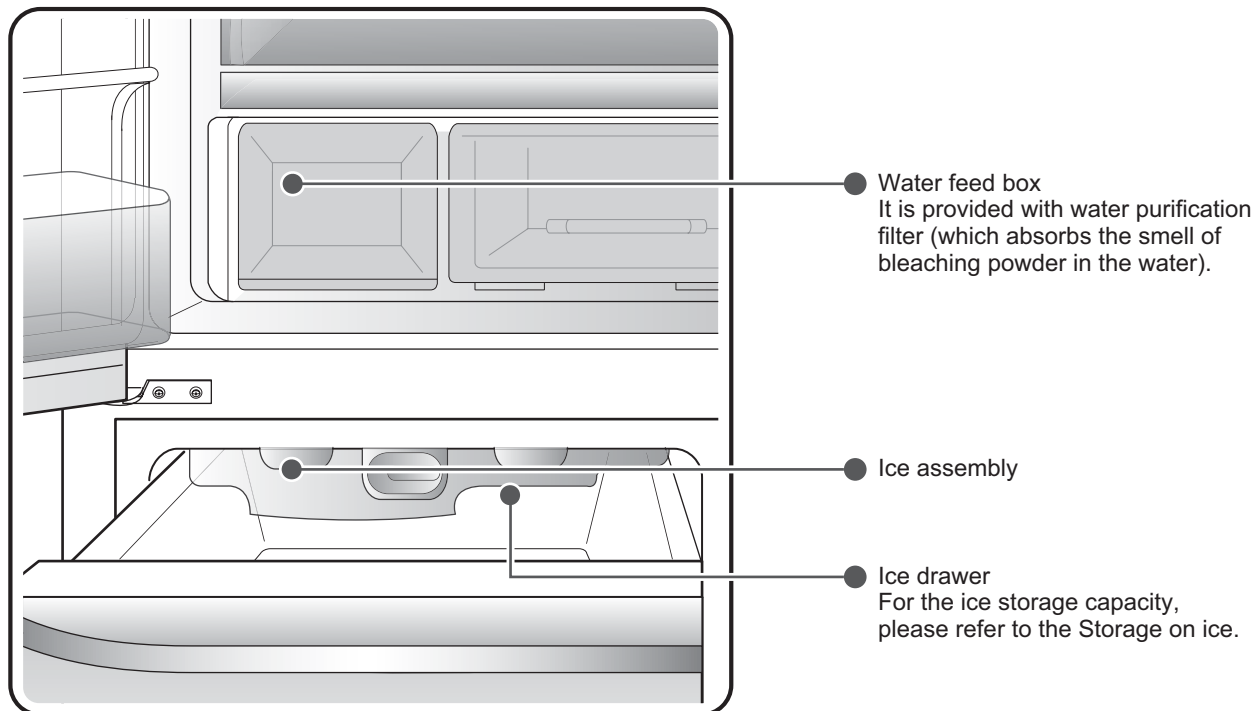


Do not put the bottles and cans in the freezing chamber. If the thing inside is frozen, the bottles and cans may be cracked to injure the person. Do not take the food and container (especially metals) in the freezing chamber by wet hands, for it may frostbite the hand.

■ Quick-freezing function

In the quick-freezing state, the temperature of food in the freezing chamber shall be lower than usual. The quick-freezing function is designed for keeping the nutrition value of frozen foods, which deeply cools the foods in the shortest time. The quick-freezing will consume more electricity than rotation usually. After the quick-freezing is set, the refrigerator will quit the quick-freezing function automatically after 56h in case of not artificially quitting the quick-freezing function.

Usage of automatic Ice machine



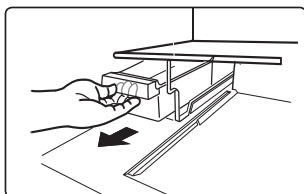
The ice scoop shall be put back to the fixed position of ice box after use.

- The Ice machine assembly and water feed box can be dismantled in case of not making ice in winter. (The free position can store frozen foods.)
- The Ice machine assembly and water feed box are not mainly dusted in case of being kept outside the refrigerator,

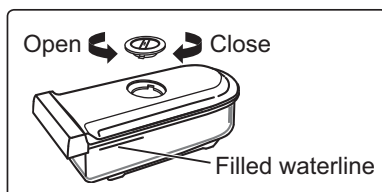
Processing method of ice cube

While coming into use or having more than one week away from the last use, it may be tasty or dusted, so the ice (about 30 pieces) made for the first time shall be thrown away. Or, in case of cleaning the water feed channel of Ice box, the ice made for the first time can be used at once.

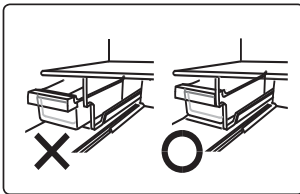
1. Dismantle the water feed box: Lift the front slightly and put out.



2. Open and take off the water injection hole cover, slowly add the water to the waterline position and then cover. (The water will leak out around in case of adding to exceed the waterline)



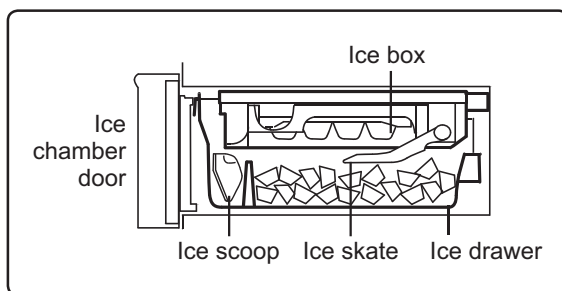
3. Put back the water feed box: Pay attention to insert innermost, otherwise, do not water feed.



- The temperature of water injection cannot be more than 60°C .

■ Storage of ice

- The ice storage capacity can be automatically confirmed according to the ice skate.
- (The ice cube shall not be laid flatly, so as to correctly judge the ice storage capacity)
- Stop making ice after storing a certain amount of ice. Please confirm the load line of Ice drawer. If the ice is too much, it cannot make ice and the door cannot also be opened and closed normally.



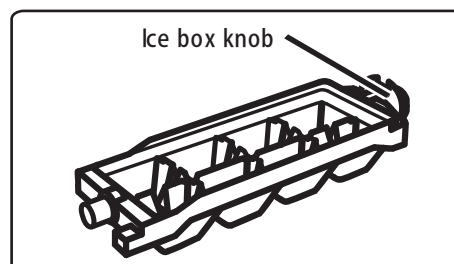
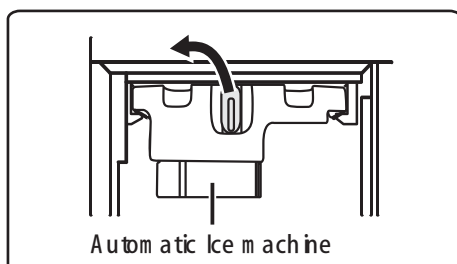
Prompt

- The Ice time may be prolonged in case of the following situation.
While installing the refrigerator just, if the internal temperature does not reach a certain temperature, the automatic Ice machine does not water feed.
While coming into use, it needs 5-6h; and in case of summer heat, it may need 24h.
When the foods stored in the refrigerator are too many or the opening and closing (especially opening the ice chamber) of door are too frequent.
Winter of which the ambient temperature is low or summer of which the ambient temperature is high.
- In case of winter of which the ambient temperature is low, the water of water feed box may be frozen.
- If the water feed box does not store water, it can listen to the sound of cam working sometimes, which is normal.

■ Ice box

This refrigerator has automatic ice function.

- The water box can only put the drink water.
- Attention do not exceed the filled waterline while adding water in the water box.
- After freezing the other things beyond the water, the Ice box shall be cleaned timely and then put back into the automatic Ice machine.
- The support of Ice box is inside, so it shall be light while installing.
- Automatic Ice machine: DC 12V



Cleaning and maintenance of automatic Ice machine

Ice machine cleaning

In case of making ice with the mineral water sold on the market, clean Ice box and water feed box with neutral tableware cleaning agent before changing water. If the cleaning is not complete, the Ice box and water feed box will have scale and mucus, and finally be mildewed and tasty. Do not pour the fruit juice and tea in the water feed box.

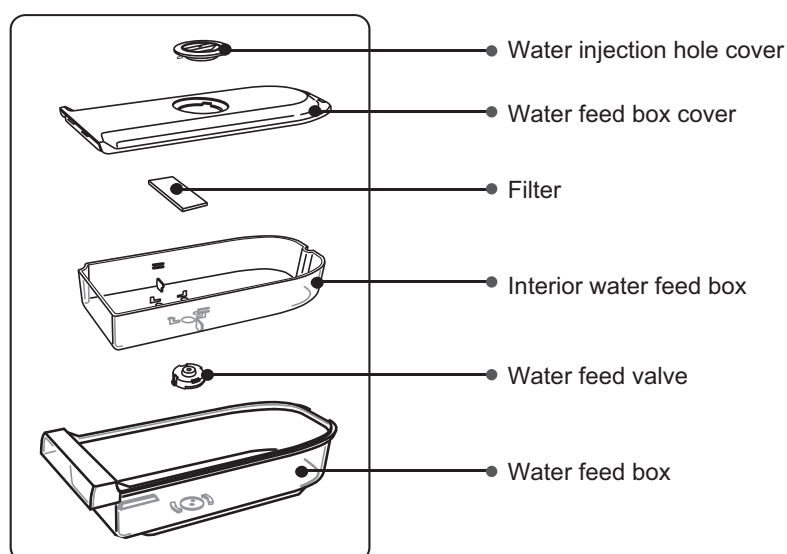


Do not make ice with leftover mineral water.

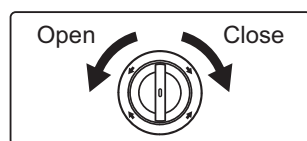
Cleaning of water feed box, interior water feed box and cover

- Wash with soft sponge after taking down. (Do not use the bur which can scratch the surface or cleanser and the like)
- While removing the stubborn stains, use the diluted tableware cleaning agent, and then rinse thoroughly with water after use completed.

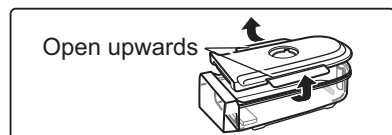
Component list of Ice machine



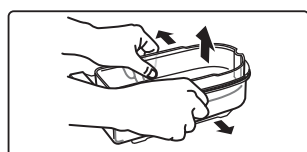
1. Open : Open the water injection hole cover and take it down.



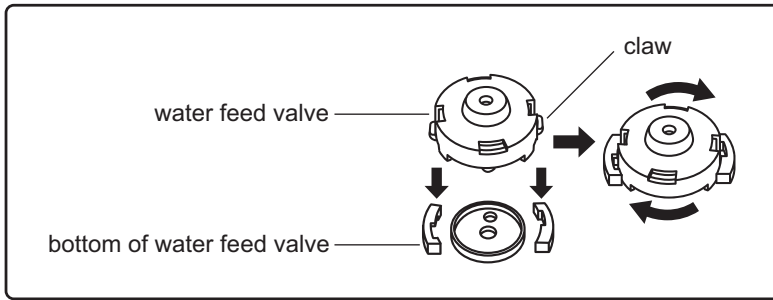
2. Close : Switch out the handle of cover upwards, and then take the cover down.



3. Pull out the water box upwards, and screw off the water feed valve counterclockwise.



4. While installing the water feed valve, insert the claw of water feed valve into the groove of bottom of water box, and lightly press in and rotate clockwise.



- The installation sequence is opposite to the dismantling sequence.
- While cleaning the water feed valve, use the diluted neutral tableware cleaning agent, and rinse thoroughly after placing for a while.
- For the water feed valve is very important component, do not dismantle and lose it.

Water purification filter

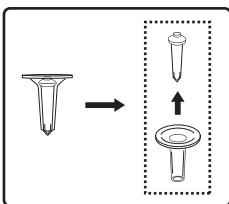
- The water purification filter can be washed only, and is inapplicable to detergent and sponge. Do not use appliance which may damage the filter, and do not scrub or rub.
- Lift the interior water feed box, and take out the filter.
- While installing, firstly put in the filter, and then install the interior water feed box.

Replacement of filter

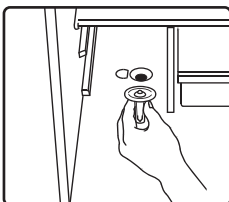
- The replacement time is about 3 years. Replace as early as possible in case of feeling the taste. (While replacing the component, please contact the Haier after-sale.)
- Stop using and timely replace if the filter is damaged.

Cleaning of water feed hopper and magnetic water valve

- The water feed hopper and magnetic water valve shall be washed. Take out the water feed box, and then take down the water feed hopper and magnetic water valve located at the bottom of water box.



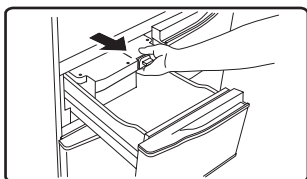
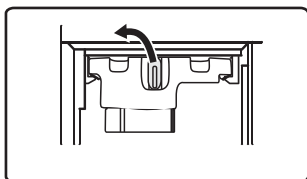
- In case of not using water box, the water feed hopper shall also be inserted into the magnetic water valve and put back the original position. In case of not inserting in place, the food in the refrigerating chamber may be frozen.



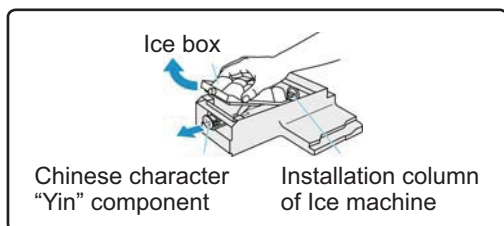
- The magnet is arranged in the magnetic water valve, so the articles which is likely to be affected by the magnetic force and damaged shall not be close to the magnetic water valve.

■ Dismantling method of Ice box

1. Rotate the fixed knob towards the left to the end, hold the handle in front of automatic Ice machine, and pull out slowly.



2. Turn over the Ice machine, pull out the white Ice machine knob Chinese character “Yin” outwards, and then take out the Ice box.

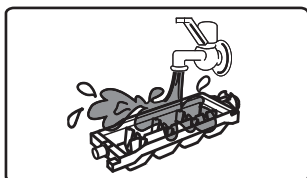


Install the Ice box

1. Insert the Ice machine into the drawer by being opposite with the dismantling sequence.
 2. Push all the time, until to listen to clangs, showing that it has been inserted to the end.
- After cleaning, please remove the moisture, otherwise, the rotation part of Ice box will be frozen, and cannot make ice normally.
 - The water feed is performed automatically, so the Ice box does not add water while installing.
The Ice component cannot be washed.
 - The Ice component shall be wiped with dry cloth in case of wetting.
The electrical appliance cannot make ice in case of watering.

■ Clean the Ice box

The Ice box can be washed, and the bur which may scratch the surface or cleanser cannot be used.



■ Dismantling method of Ice machine assembly

1. Close the Ice function.
2. Take out the Ice machine assembly, and see the first step of “Take-out method of Ice box”.

Install the Ice component

1. With the operation opposite to the dismantling sequence, insert the Ice component into the drawer, and turn back the fixed knob to the right side and lock the same.
If the Ice combination is pushed into the original position, the fixed knob will not be turned.
2. Open the Ice function.



- While making ice with well water or water removed chlorine (alkaline ionized water and water of water purifier), it is easier to have scale and mucus, so it shall often clean and maintain.
- Do not use cleanser causing plastics cracking, soap powder, alkaline detergent, hairbrush, gasoline, xina water, alcohol, petroleum, acid, hot water, etc.
- After the Ice combination is installed, it may take 4h for making ice for the first time.

■ Please confirm again in case of having the following situations.

Situation	Survey	Reason and handling
Not make ice	<ul style="list-style-type: none"> Does the water feed box have water? Is the water feed box inserted in place? Is the water of water feed box frozen? Is the Ice assembly installed in place? Isn't there water feed hopper or magnetic water valve? Is the Ice function is closed? 	<ul style="list-style-type: none"> Add water. Insert correctly in place. Take out the water feed box, and remove the ice on the box; and raise the temperature of refrigerating chamber. Push the Ice assembly to the innermost, until that the fixed knob can be locked. Install the water feed hopper or magnetic water valve in place. Open the Ice function.
Less Ice amount and small ice cube	<ul style="list-style-type: none"> Is the door often opened and closed or always opened? Is the ice in the Ice drawer is uneven, or is the thing beyond the ice entered? Is the water feed box pushed into innermost? 	<ul style="list-style-type: none"> Close the door, and open and close the door as far as possible. Level the ice cube, and take out the things beyond the ice. Install the water feed box in place.
Tasty ice	<ul style="list-style-type: none"> Isn't the water in the water feed box replaced for a long time? Are the water feed box and filter dirty? Was the tasty water or other beverages put before? Isn't the filter installed? Is the storage time of ice cube too long? 	<ul style="list-style-type: none"> Replace new water. Clean the water feed box and replace the filter. Refer to the cleaning maintenance of Ice machine. Install the filter. The ice cube may be tainted by other odor. Make ice again.
Ice melting	<ul style="list-style-type: none"> Is the door often opened and closed or always opened? Is it powered off or is the power plug unplugged? 	<ul style="list-style-type: none"> Close the door, and open and close the door as far as possible. Confirm the power supply.
The ice cube is frozen together	<ul style="list-style-type: none"> Is the refrigerator tilted? 	<ul style="list-style-type: none"> Level the refrigerator, because it is not flat, the ice may be blocked or the size of ice cube is different.
The ice cube become round	<ul style="list-style-type: none"> Is it stored for a long time? 	<ul style="list-style-type: none"> When the ice is molten, it shall be shrunk or stuck together.
The ice cube has bulge	<ul style="list-style-type: none"> Is there is bulge on the ice cube? 	<ul style="list-style-type: none"> The ice cube may have bulge due to the design of water feed channel of Ice box.
Ice muddy	<ul style="list-style-type: none"> Is the ice made with mineral water? 	<ul style="list-style-type: none"> In case of making ice with water with much mineral content, there will be white sestion in the ice cube, which has no damage.

Overflow in the water feed box

- Is the bottom of water feed box leaked?
- Does the water feed box have foreign matter and impurities?

- Correctly install interior and exterior water feed box and water feed valve.
- Clean the water feed valve and water feed box.

Have sound

- Is this the sound which the ice cube falls into the Ice drawer?
- Are other containers placed in the position of water feed box?

- In case of less ice cube in the Ice drawer, the sound of the ice cube falling is big.
- In case of not making ice, other containers are placed in the position of water feed box while installing the Ice machine assembly, and it will make sound when the magnetic water vale runs into the container. At this time, refer to the function of closing Ice in the function introduction.

Cleaning and dismantling method of component

■ Cleaning and dismantling method of component

- Clean once for one month, to keep the refrigerator clean.
- While cleaning, take out the foods stored.
- The dismantled rack and drawer can be washed.
- The installation sequence is opposite to the dismantling sequence.



- While cleaning, firstly unplug the power supply; and do not plug and unplug the socket by wet hands, for there is danger of electric shock and injury.
- The water cannot be directly splashed on the refrigerator, for it is easy for rusting, electric leakage and fault.
- The hand cannot stretch into the refrigerator bottom, for the metal angle may scratch.
- Do not clean the refrigerator with hard hairbrush, steel brush, abradant (such as toothpaste, toothpaste and the like), organic solvent (such as gasoline, banana oil, acetone, alcohol and the like), hot water or acid, alkali and the like.

■ Safety inspection after cleaning

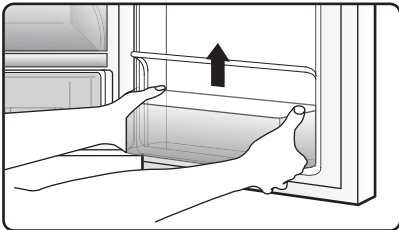
- Is the power plug plugged in the socket?
- Doesn't the power line have cracking and abrasion?
- Does the power plug have abnormal heat?



If the power line and socket is injured and dusted, it may cause the electric shock and fire. Unplug the power plug and contact the Haier after-sale in case of exception.

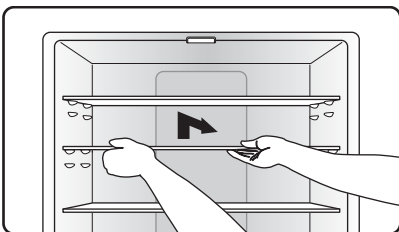
■ Bottle base of refrigerating chamber

Hold by two hands and top upwards.



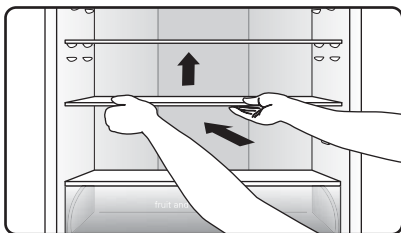
■ Refrigerating rack

Hold the front of rack by two hands, and take out obliquely above.



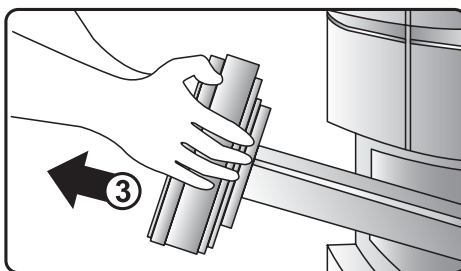
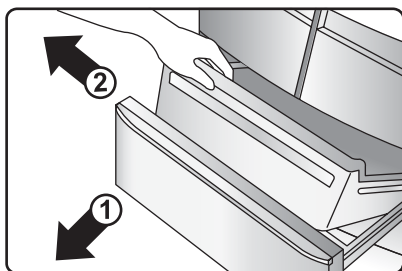
■ Folding rack

Slightly lift the rack in the front to push inside, and fold the rack and take out.



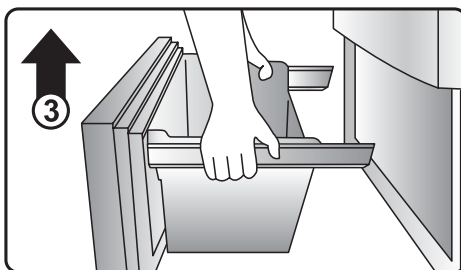
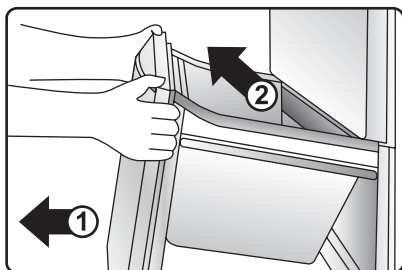
■ Upper freezing drawer and upper freezing chamber door

Pull out the door farthest, hold the two ends of upper freezing drawer to take out obliquely above.



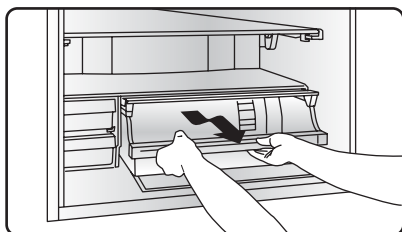
■ Lower freezing drawer and lower freezing chamber door

1. Pull out the door farthest, and take out two ends of freezing tray to take out obliquely above.
2. Hold two ends of door by two hands, take out the door obliquely above, and then take out the drawer.



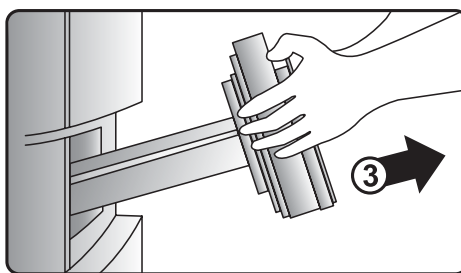
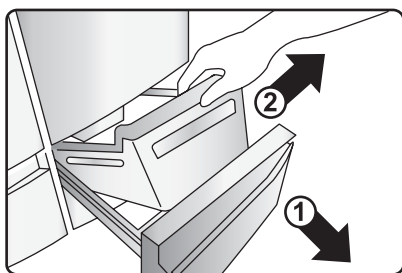
■ Storage box

Pull out farthest, hold the front end of storage box, and take out obliquely above.



■ MY ZONE drawer and MY ZONE drawer door

1. Pull out the door farthest, and hold the two ends of drawer to take out obliquely above.
2. Hold the left and right slide rails by two hands, and take out this door.



■ Ice chamber drawer

1. Pull out the drawer farthest, hold the left and right slide rails by two hands, lift upwards, and take out.
2. Dismantle and then take out the ice storage drawer.

Carrying and stopping

■ In case of outage

Reduce the times of opening and closing the refrigerator door. Do not store the food again.

■ In case of unplugging power plug and inserting again

The interval is more than 5min. In case of inserting at once, the compressor has failure easily.

■ In case of not using the refrigerator for a long time

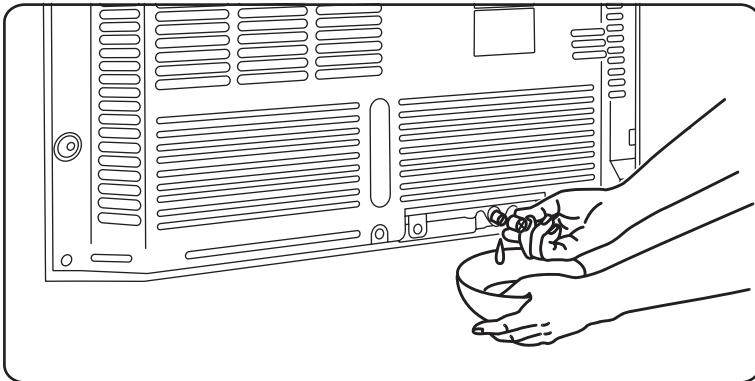
In case of not using more than one week, or moving and carrying, discard the water in the water feed box and ice in the ice storage box, clean them with water, and keep dry.

1. Take out the food inside.
2. Close the Ice function.
3. Unplug the power plug.
4. Clean the interior of refrigerator, water feed box, Ice machine, water feed hopper, magnetic water valve and others with water, and dry them. The filter shall be fully dried for it contains the water.

■ While moving and carrying, be sure to unplug the power plug.

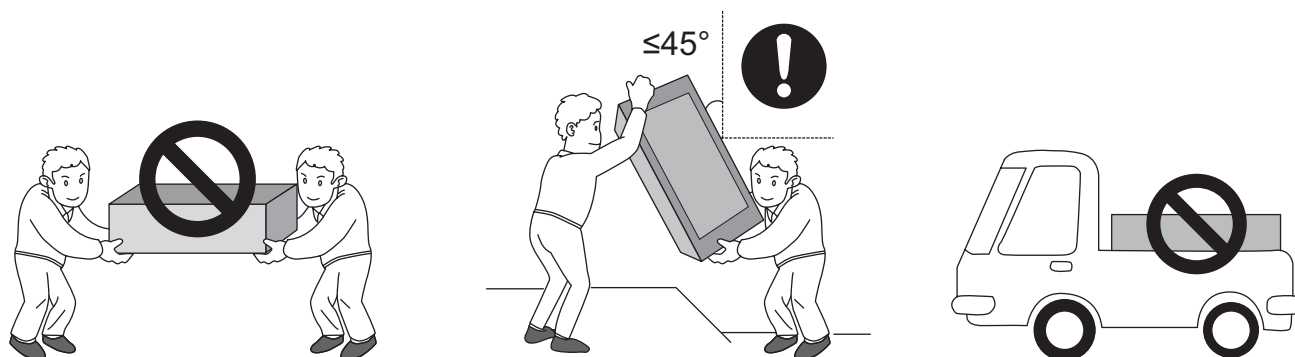
● Before moving and carrying,

1. Take out the foods in the refrigerator, unplug the power plug, clean the interior of refrigerator, and open the door for drying.
2. Adjust the left and right adjustable foot to lift away from the floor.
3. Open the cover of drain hole at the lower right of back side of refrigerator, and discard the water in the evaporating dish (defrosting water). After the water is discarded, retighten the cover.



■ Method of moving and carrying

1. Move with wheel back and forth.
(Do not use the wheel if the floor is easily damaged.)
2. While carrying, be sure to grasp the handle at the bottom and above the back. (It may be injured if the hands slip.)
3. In case of moving house, the refrigerator cannot be shipped reservedly, otherwise, it may cause fault.



■ Parameter of lighting lamp and its replacement

Parameter of lighting lamp: DC 12V, maximum power for 5W.

In case of exception, please contact the after-sale personnel for door-to-door service.

■ Power consumption of refrigerator

The rated power consumption marked in the technical data is the value measured after steadily running for 24h when the temperature of refrigerating chamber is controlled at 5°C , the temperature of MY ZONE is controlled at -6°C and the temperature of freezing chamber is controlled at -18°C in the ambient temperature of 25°C according with the national standard. When the put food is relatively much, the ambient temperature is high or the door is opened frequently, it is normal that the actual power consumption higher than the power consumption marked.

■ On automatic defrosting

This refrigerator is the fan cooling and frost free refrigerator and has automatic defrosting function. The water defrosted shall be stored in the evaporating dish for evaporating, therefore, it need not to defrost manually.

Fault and frequently asked question

■ Fault and frequently asked question

Please confirm again before contacting and maintaining.

Situation	Survey	Handling Method
Not refrigerate completely	<ul style="list-style-type: none">● Is the power plug fallen off?● Are the circuit breaker and fuse broken?● Is it powered off?● Is the temperature gear setting too high?	<p>Plug again. Open the refrigerator door and see whether the lamp is on.</p> <p>Turn down the temperature gear setting.</p>
Poor refrigeration effect	<ul style="list-style-type: none">● Is the stored food too much or the hot food put in?● Is the door opened and closed frequently or is the bag of food clamped in the door slot?● Is there direct sunlight or is the refrigerator close to the stove or gas cooker?● Is the ventilation around poor?● Is the temperature gear setting too high?	<p>Put in the hot food after being cooled.</p> <p>Inspect and close the door.</p> <p>Move the refrigerator away from heat source.</p> <p>Empty the distance, and keep good ventilation condition. Turn down the temperature gear setting.</p>
The food in the refrigerating chamber, fresh-keeping drawer and fruits and vegetables drawer is frozen	<ul style="list-style-type: none">● Is the ambient temperature below 5℃ ?● Is the food with much moisture placed in the rack (near the cold air blowing outlet)?	<p>Turn on the temperature gear setting. Take the food with much moisture to the front.</p>
Big sound	<ul style="list-style-type: none">● Is the ground too soft and mobile?● Are the two sides unbalanced?● Does it contact the wall?● Is there articles falling around to scratch the refrigerator?	<p>Pave the solid panel below. Adjust the adjusting foot. Keep away from the wall. Take away the falling objects.</p>
The refrigerator has odor	<ul style="list-style-type: none">● Are the cold air blowing outlet and suction inlet blocked?● Isn't the food with heavy taste packaged preservative film?	<p>Do not block.</p> <p>Wrap with preservative film.</p>


Prompt : Please consult the latest customer service center in case of still not solving after surveying the conditions above.

■ Frequently asked question

● The work sound is often increased.	The refrigerator uses the inverter compressor: the sound while installing, opening and closing door, high ambient temperature, quick-freezing, strong refrigerating and switching to the high-speed rotation will be increased sometimes.
● Water flow sound water boiling sound.	The liquid flow sound of refrigerant and its refrigerant and boiling sound.
● Creak.	Sound made by the expansion or contraction of interior plastic component.
● Operation sound and ice cube falling sound.	Sound of piston while making up water, sound of motor when the Ice plate rotates, and sound of ice cube falling into the ice storage box, wherein the sound is very big when the compressor starts rotating just.
● Dewing outside the refrigerator and at door seal place.	It is easy for dewing in case of plum rain season and other high humilities, which is the same as the principle that the outer side of cup filled with cold water has water drop.
● Heating in front of refrigerator and at its sides.	It will feel very hot in summer or while just starting, because the heating pipe arranged to prevent refrigerator from dewing is working, which has no influence to the food in the refrigerator.

Technical data and accessories

Technical data

Content Model	Climate Type	Star Mark	Electric-shock Safeguard Category	gross Volume of Refrigerating	storage Volume of Refrigerating	storage volume of Freezing	total gross Volume	total storage Volume
HMD440X	T		Class I	259	234	67	440	309

Content Model	gross volume of MY ZONE (L)	storage volume of MY ZONE(L)	Rated Voltage (V~)	Rated Power (Hz)	Defrosting Power (W)	Rated Power Consumption (KW.h/YEAR)	Energy Efficiency Grades
HMD440X	18	8	220-240	50	180	540	2

Content Model	Noise (Sound Power Level) dB (A)	Refrigerating Capacity (kg/24h)	Refrigerant	Weight (kg)	Connection Type of Soft Power Cable	Shape Size Depth*Width*Height (mm)
HMD440X	40	8	R600a 67g	101	Y	675 × 685 × 1804

Note :

- When the climate type is SN.N.ST, the use of ambient temperature of refrigerator is 10-38°C according to the provision of national standard; and when the climate type is SN.N.ST.T, the use of ambient temperature of refrigerator is 10-43°C according to the provision of national standard.
- The “noise (sound power level)” marked in the technical data is tested (exclusive of starting and shutting down) by putting the no-load refrigerator on the elastic rubber cushion of which the thickness is 5-6mm, closing the door and running the refrigerator for at least 30min steadily within the semi-anechoic room specified by the national standard. Before testing the refrigerator, the noise at 1m of front, back, left and right surfaces shall be served as its noise with the arithmetic mean value of noise of four points. During use, it is normal that the actual noise is different from the noise marked due to articles loaded by refrigerator, environmental noise, door opening and closing, compressor starting and stopping and other influences.

Accessories

Quantity	Name	Operating Instruction and Warranty	Refrigerating Rack	Folding Rack	Fruits and Vegetables Drawer	Fruits and Vegetables Drawer Cover	Water Feed Box	Storage Box	Water feed Hopper	Magnetic Water Valve	Bottle Base	Bottle Rail	Egg Rack	Ice Drawer	Ice Scoop	Upper Freezing Drawer	MY ZONE Drawer	Upper Freezing Drawer Partition	Lower Freezing Drawer	Lower Freezing Drawer Tray	Lower Freezing Drawer Partition
Product Model																					
HMD440X		1	3	2	1	1	1	1	1	1	8	2	1	1	1	1	1	1	1	1	1